NEKTAR THERAPEUTICS Form SC 13G/A February 10, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 1)1

Nektar Therapeutics (Name of Issuer)

Common Stock, par value \$0.0001 per share (Title of Class of Securities)

640268108 (CUSIP Number)

December 31, 2011 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

¹ The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

1	NAME OF REPORTING PERSON				
2	Biotechnology Value Fund, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o				
3	SEC USE ONLY	Y			
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Delaware				
NUMBER OF SHARES	:	5	SOLE VOTING POWER		
BENEFICIALLY			0 shares		
OWNED BY	(6	SHARED VOTING POWER		
EACH REPORTING			459,300		
PERSON WITH	,	7	SOLE DISPOSITIVE POWER		
			0 shares		
	:	8	SHARED DISPOSITIVE POWE	R	
			459,300		
9	AGGREGATE A	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON	
	450 200				
10	459,300 CHECK BOX II	ETHE AGGREC	GATE AMOUNT IN ROW (9)		
10	EXCLUDES CE				
11	PERCENT OF C	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)	
	Less than 1%				
12	TYPE OF REPO	ORTING PERSO	N		
	DNI				
	PN				
2					

1	NAME OF REPORTING PERSON		
2	Biotechnology Value Fund II, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Delaware		
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY	•	0 shares	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		281,400	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0 shares	
	8	SHARED DISPOSITIVE POWE	P
	o .	SIT WED DISTOSTITVE TOWE	IX.
		281,400	
9	AGGREGATE AMOUNT BEN	NEFICIALLY OWNED BY EACH	REPORTING PERSON
	281,400		
10	CHECK BOX IF THE AGGRE	GATE AMOUNT IN ROW (9)	
	EXCLUDES CERTAIN SHAR	ES	
11	PERCENT OF CLASS REPRE	SENTED BY AMOUNT IN ROW	(9)
	I 1 10		
12	Less than 1% TYPE OF REPORTING PERSON	ON	
12	I I FE OF KEPOKTING PEKS	OIN	
	PN		
_			
3			

1	NAME OF REPORTING PERSON			
2	BVF Investments, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o			
3	SEC USE ONL	. Y		
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
NUMBER OF SHARES		5	SOLE VOTING POWER	
BENEFICIALLY			0 shares	
OWNED BY		6	SHARED VOTING POWER	
EACH				
REPORTING			6,747,200	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
			6.747.200	
9	AGGREGATE	AMOUNT BEN	6,747,200 EFICIALLY OWNED BY EACH	REPORTING PERSON
	6.747.200			
10			GATE AMOUNT IN ROW (9)	
	EXCLUDES C	ERTAIN SHARE	ES	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
	5.9%			
12		ORTING PERSC	DN	
	00			
1				

1	NAME OF REPORTING PERSON			
2 3	Investment 10, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP SEC USE ONLY (a) x (b) o			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
NUMBER OF SHARES	Illinois	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	151,100 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	151,100 EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	Less than 1% TYPE OF REP	ORTING PERSC)N	
	OO			
5				

NAME OF REPORTING PERSON

CUSIP NO. 640268108

2 3 4	GROUP SEC USE ONL	APPROPRIATE I .Y	BOX IF A MEMBER OF A ORGANIZATION	(a) x (b) o
NUMBER OF	Delaware	5	SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY	7	6	0 shares SHARED VOTING POWER	
EACH REPORTING PERSON WITH		7	7,639,000 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	ER
9	AGGREGATE	AMOUNT BEN	7,639,000 EFICIALLY OWNED BY EACH	I REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARE	GATE AMOUNT IN ROW (9) ES	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	6.7% TYPE OF REP	ORTING PERSO	ON	
	PN, IA			
6				

NAME OF REPORTING PERSON

CUSIP NO. 640268108

1	NAME OF KE	FORTING PERS	ON	
2	BVF Inc. CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) x			
3	GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
NUMBER OF SHARES		5	SOLE VOTING POWER	
BENEFICIALLY	•		0 shares	
OWNED BY		6	SHARED VOTING POWER	
EACH			7.620.000	
REPORTING		7	7,639,000	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
			0 shares	
		8	SHARED DISPOSITIVE POWE	R
			7,639,000	
9	AGGREGATE	AMOUNT BEN	7,039,000 IEFICIALLY OWNED BY EACH	REPORTING PERSON
	7,639,000			
10		IF THE AGGRE	GATE AMOUNT IN ROW (9)	
10		ERTAIN SHAR		
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
	6.7%			
12		ORTING PERSO	ON	
	CO			
7				

NAME OF REPORTING PERSON

CUSIP NO. 640268108

1	NAME OF RE	FORTING FERS	ON	
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) x			
3	GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
NUMBER OF	United States	5	SOLE VOTING POWER	
SHARES BENEFICIALLY			0 shares	
OWNED BY EACH		6	SHARED VOTING POWER	
REPORTING			7,639,000	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
		0	0 shares	n
		8	SHARED DISPOSITIVE POWE	K
			7,639,000	
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
	7,639,000			
10		IF THE AGGREG ERTAIN SHARI	GATE AMOUNT IN ROW (9) : ES	•
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
	6.7%			
12		ORTING PERSO	ON	
	IN			
0				
8				

CUSIP NO. 640268108

Item 1(a). Name of Issuer:

Nektar Therapeutics, a Delaware corporation (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

455 Mission Bay Boulevard South San Francisco, California 94158

Item 2(a). Name of Person Filing

Item 2(b). Address of Principal Business Office or, if None, Residence

Item 2(c). Citizenship

Biotechnology Value Fund, L.P. ("BVF") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611

Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

BVF Investments, L.L.C. ("BVLLC") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

Investment 10, L.L.C. ("ILL10") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Illinois

BVF Partners L.P. ("Partners") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

BVF Inc.

900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: United States

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

CUSIP NO. 64	40268108			
Item 2(d).			Title of Class of	of Securities:
Common Stoc	ck, par value \$	0.0001 per shar	re (the "Common Stoc	k")
Item 2(e).			CUSIP N	lumber:
640268108				
Item 3. If This	Statement is	Filed Pursuant	to Rule 13d-1(b), or 13	3d-2(b) or (c), Check Whether the Person Filing is a:
			/x/	Not applicable.
(a)) //	Bro	ker or dealer registere	d under Section 15 of the Exchange Act.
	(b)	//	Bank as defined in	Section 3(a)(6) of the Exchange Act.
(c)	//	Insuran	ce company as defined	I in Section 3(a)(19) of the Exchange Act.
(d)	//	Investment cor	mpany registered unde	r Section 8 of the Investment Company Act.
(e)) //	' An	investment adviser in	accordance with Rule 13d-1(b)(1)(ii)(E).
(f) /	// An em	ployee benefit	plan or endowment fu	nd in accordance with Rule 13d-1(b)(1)(ii)(F).
(g)	// A par	ent holding cor	npany or control perso	on in accordance with Rule 13d-1(b)(1)(ii)(G).
(h)	// A sa	avings associati	on as defined in Section	on 3(b) of the Federal Deposit Insurance Act.
	h plan that is ent Company		n the definition of an	investment company under Section 3(c)(14) of the
	(j)	//	Group, in acc	ordance with Rule 13d-1(b)(1)(ii)(J).
_			0.13d-1(b)(1)(ii)(K). Decify the type of institution	If filing as a non-U.S. institution in accordance with action:
Item 4.			Owners	hip
		(a)	Amo	ount beneficially owned:
As of the close	e of business	on December 3	0, 2011, (i) BVF bene	ficially owned 459,300 shares of Common Stock, (iii

As of the close of business on December 30, 2011, (i) BVF beneficially owned 459,300 shares of Common Stock, (ii) BVF2 beneficially owned 281,400 shares of Common Stock, (iii) BVLLC beneficially owned 6,747,200 shares of Common Stock and (iv) ILL10 beneficially owned 151,100 shares of Common Stock.

Partners, as the general partner of BVF and BVF2, the manager of BVLLC and the investment adviser of ILL10, may be deemed to beneficially own the 7,639,000 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, BVLLC and ILL10.

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Item 6.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 7,639,000 shares of Common Stock beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 7,639,000 shares of Common Stock beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by BVF, BVF2, BVLLC and ILL10 and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

(b) Percent of class:

The following percentages are based on 114,426,466 shares of Common Stock outstanding as of October 31, 2011, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 4, 2011. As of the close of business on December 30, 2011, (i) BVF beneficially owned less than 1% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned less than 1% of the outstanding shares of Common Stock, (iii) BVLLC beneficially owned approximately 5.9% of the outstanding shares of Common Stock, (iv) ILL10 beneficially owned less than 1% of the outstanding shares of Common Stock and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 6.7% of the outstanding shares of Common Stock.

Ownership of More than Five Percent on Behalf of Another Person.

(c)	Number of shares as to which such person has:
(i)	Sole power to vote or to direct the vote
See Cover Pages Items 5-9.	
(ii)	Shared power to vote or to direct the vote
See Cover Pages Items 5-9.	
(iii)	Sole power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	
(iv)	Shared power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	
Item 5.	Ownership of Five Percent or Less of a Class.
Not Applicable.	

Pursuant to the operating agreement of BVLLC, Partners is authorized, among other things, to invest the contributed capital of Samana Capital, L.P., the majority member of BVLLC, in the shares of Common Stock and other securities of the Issuer and to vote, exercise or convert and dispose of each security, and is entitled to receive fees based on assets under management and, subject to certain exceptions, allocations based on realized and unrealized gains on such assets.

Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the shares of Common Stock beneficially owned by BVF, BVF2, BVLLC and ILL10.

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Item Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the ParentHolding Company or Control Person.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

See Exhibit 99.1 to the to the initial Schedule 13G filed with the Securities and Exchange Commission on December 23, 2011.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

CUSIP NO. 640268108

SIGNATURE

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: February 10, 2012

BIOTECHNOLOGY VALUE FUND, L.P. INVESTMENT 10, L.L.C.

By: BVF Partners L.P., its general By: BVF Partners L.P., its investment

partner manager

By: BVF Inc., its general partner By: BVF Inc., its general partner

By: /s/ Mark N. Lampert By: /s/ Mark N. Lampert

Mark N. Lampert Mark N. Lampert

President President

BIOTECHNOLOGY VALUE FUND II, L.P. BVF PARTNERS L.P.

By: BVF Partners L.P., its general By: BVF Inc., its general partner

partner

By: BVF Inc., its general partner By: /s/ Mark N. Lampert

Mark N. Lampert

By: /s/ Mark N. Lampert President

Mark N. Lampert

President

BVF INC.

BVF INVESTMENTS, L.L.C. By: /s/ Mark N. Lampert

Mark N. Lampert

By: BVF Partners L.P., its manager President

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert /s/ Mark N. Lampert

Mark N. Lampert MARK N. LAMPERT

President